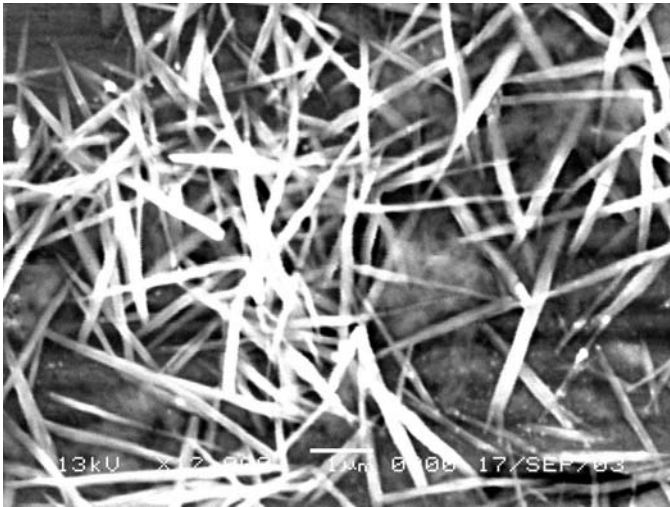


Nanotechnology, An Active Learning Experience for Undergraduates

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Integrating research into the curriculum, undergraduates developed a one-step-two-reactant approach to the synthesis of nearly mono disperse silver nanowires based on wet chemical methods.

Scanning electron microscopy reveals that the selectivity for nanowires over nanospheres is 100 %. The nanowires are about 200 nm in diameter and 2500 nm long.